Name:_____ Date:_____ Period:_____

Unit 2 Study Guide

Real Numbers
Draw the Universe:
Decimal Rules for Real Numbers:
Counterexample:
Patterns and Functions
Definitions:
Independent Variable:
Dependent Variable:
Domain:
Range:
Function Rule:
Steps to write a Function Rule:

Distance Formula **Formula:**	
a)	**b)**
c)	**d)**
Pythagoras and the Theorem **Formula:**	
Describe Pythagoras and what the Theorem means.	
Determining if three sides create a right triangle:	Find the missing side:
Pythagorean Theorem Word Problems	
Step 1:	*Step 2:*
Step 3:	*Step 4:*

Algebra 1A
Study Tips Checklist: Unit Two

____ **Required:** Complete **two sections** of practice problems from the book

____ **Required:** Complete the **Practice Test** in its entirety. This is very similar to the actual test.

____ Re-read the **Study Guide** with the intention of memorizing the steps, definitions, equations and formulas.

____ Attend **tutorial**. You must sign-up in advance.

____ Email your teacher with any questions, to check your answers, or to request more practice!

_____ REDO problems from the Practice Test you did not answer correctly the first time.

_____ REDO problems from the unit Quizzes.

Real Numbers Quiz:_____ **Patterns and Functions Quiz:_____**

Square Roots, Distance Quiz:_____ **Pythagorean Theorem Quiz:_____**

Complete more problems with concepts you need to practice:

	Lesson and Quick Check Problems	Questions
Real Numbers	Pages 17-18 Page 17 QC #1 (a – d) *Answers: Page 843*	
Patterns and Functions	Pages 27 - 29 Page 27 QC #1 Page 28 QC #2 (a -c) Page 28 QC #3 Page 29 QC #4 *Answers: Page 843*	
Square Roots	Pages 176 – 178	

	Page 176 QC #1 (a – d) Page 177 QC #2 (a – d) Page 177 QC #3 Page 177 QC #4 Page 178 QC #5 *Answers: Page 846*	
Coordinate Plane Review	Pages 24- 25 Exercises 1 – 12 *Answers not in back of book. Check with your teacher*	
Distance Formula	Page 186 Description above #50 Exercises 50 – 55 *Answers not in back of book. Check with your teacher*	
Pythagorean Theorem	Pages 181 – 184 Page 182 QC #1 Page 182 QC #2 Page 183 QC #3 Page 184 QC #4 *Answers: Page 846*	